

### ABSTRACT OF THE DISCLOSURE

An imaging apparatus uses an imaging device to generate an image signal corresponding to an image having an arbitrary number of H pixels by W pixels which is not greater than a predetermined number of P pixels by Q pixels in vertical and horizontal directions. The apparatus converts the generated image signal into an image signal corresponding to an image having a predetermined number of P pixels by Q pixels. In the imaging apparatus, an enlarged image signal corresponding to an enlarged image having the number of P pixels by Q pixels is generated by performing enlargement processing on the image signal generated using the imaging device, and an image signal corresponding to an image having the number of M pixels by N pixels is generated by performing reduction processing on the generated enlarged image signal corresponding to the image having the P pixels by Q pixels.